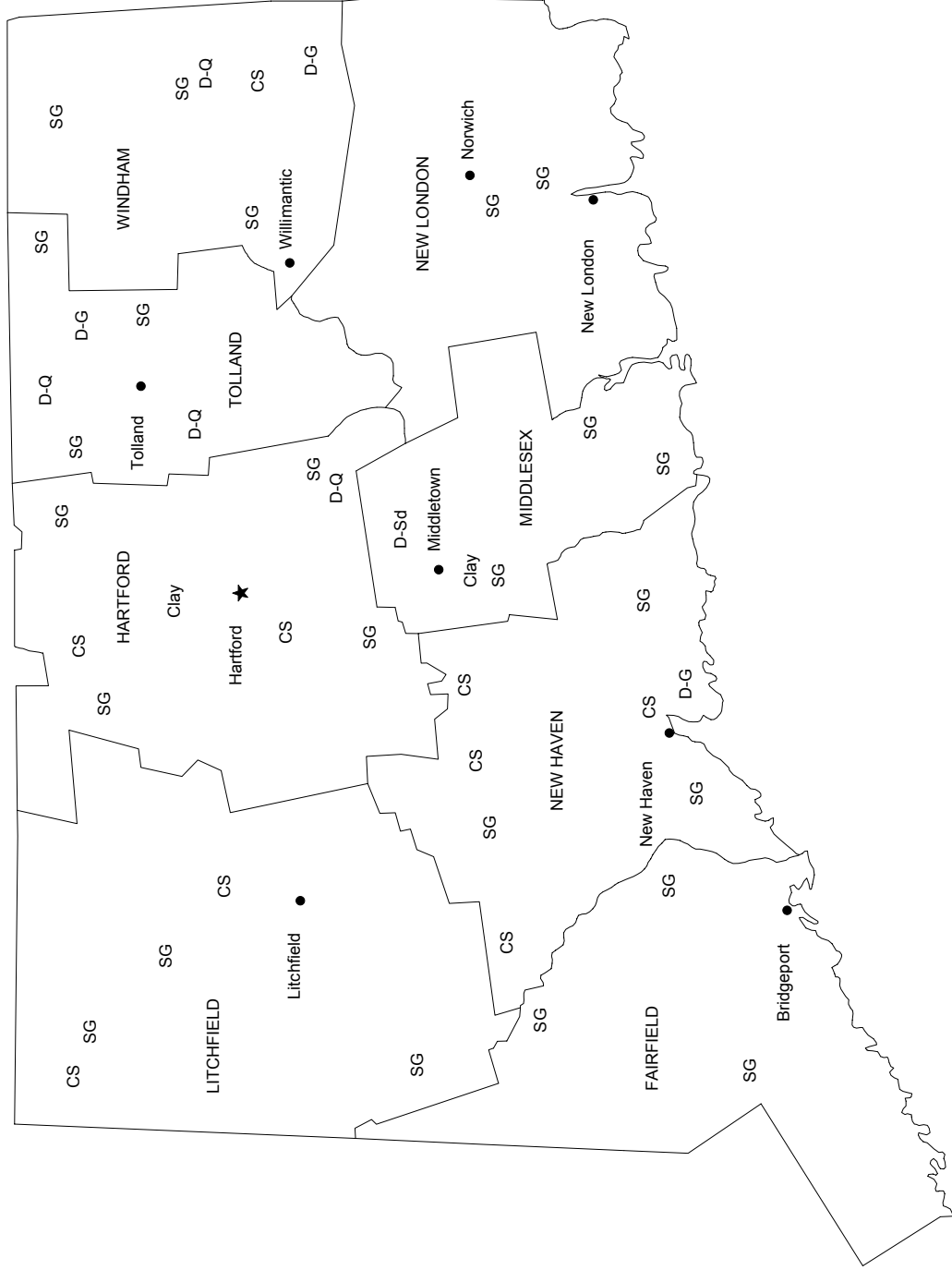


CONNECTICUT

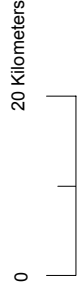


LEGEND

- County boundary
- ★ Capital
- City

MINERAL SYMBOLS (Major producing areas)

- Clay
- CS Crushed stone
- D-G Dimension granite
- D-Q Dimension quartzite
- D-Sd Dimension sandstone
- SG Construction sand and gravel



THE MINERAL INDUSTRY OF CONNECTICUT

This chapter has been prepared under a Memorandum of Understanding between the U.S. Geological Survey and the Connecticut Geological and Natural History Survey for collecting information on all nonfuel minerals.

In 2001, the estimated value¹ of nonfuel mineral production for Connecticut was nearly \$104 million, based upon preliminary U.S. Geological Survey (USGS) data. This was

¹The terms “nonfuel mineral production” and related “values” encompass variations in meaning, depending upon the minerals or mineral products. Production may be measured by mine shipments, mineral commodity sales, or marketable production (including consumption by producers) as is applicable to the individual mineral commodity.

All 2001 USGS mineral production data published in this chapter are preliminary estimates as of August 2002 and are expected to change. For some mineral commodities, such as construction sand and gravel, crushed stone, and portland cement, estimates are updated periodically. To obtain the most current information, please contact the appropriate USGS mineral commodity specialist. Specialist contact information may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals/contacts/comdir.html>; alternatively, specialists' names and telephone numbers may be obtained by calling USGS information at (703) 648-4000 or by calling the USGS Earth Science Information Center at 1-888-ASK-USGS (275-8747). All Mineral Industry Surveys—mineral commodity, State, and country—also may be retrieved over the Internet at URL <http://minerals.usgs.gov/minerals>.

a small decrease from that of 2000² and followed a 24% increase from 1999 to 2000. Crushed stone and construction sand and gravel, the leading nonfuel mineral commodities by value, accounted for nearly all of the State's total nonfuel mineral production and value. In 2001, decreases in both mineral commodities led to the small decrease for the year; the values of dimension quartzite (not included in table 1 to protect proprietary company data), common clays, and gemstones were unchanged from 2000 (listed in descending order of value). In 2000, Connecticut's increase in value mostly resulted from a 23% increase in the production of construction sand and gravel, corresponding with a \$14.5 million rise in value (value up 44% from 1999), and a nearly 8% increase in crushed stone production, leading to an \$8 million rise (up almost 14%) in that commodities value (table 1).

²Values, percentage calculations, and rankings for 2000 may differ from the Minerals Yearbook, Area Reports: Domestic 2000, Volume II, owing to the revision of preliminary 2000 to final 2000 data. Data for 2001 are preliminary and are expected to change; related rankings may also change.

TABLE 1
NONFUEL RAW MINERAL PRODUCTION IN CONNECTICUT 1/ 2/

(Thousand metric tons and thousand dollars unless otherwise specified)

Mineral	1999		2000		2001 p/	
	Quantity	Value	Quantity	Value	Quantity	Value
Clays, common	55	183	55	183	55	183
Gemstones	NA	6	NA	6	NA	6
Sand and gravel, construction	6,510	32,400	8,010	46,900	7,200	42,700
Stone:						
Crushed	7,170	57,400	7,740	65,300	7,000	60,900
Dimension metric tons	W	(3/)	W	(3/)	W	(3/)
Total	XX	90,000	XX	112,000	XX	104,000

p/ Preliminary. NA Not available. W Withheld to avoid disclosing company proprietary data. XX Not applicable.

1/ Production as measured by mine shipments, sales, or marketable production (including consumption by producers).

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Value excluded to avoid disclosing proprietary data.

TABLE 2
CONNECTICUT: CRUSHED STONE SOLD OR USED, BY KIND 1/

Kind	1999				2000			
	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value	Number of quarries	Quantity (thousand metric tons)	Value (thousands)	Unit value
Limestone	5	793	\$7,220	\$9.10	5	1,060	\$8,450	\$7.94
Dolomite	1	W	W	12.81	1	W	W	23.90
Granite	7 r/	254 r/	2,110 r/	8.32 r/	5	324	2,460	7.60
Traprock	9 r/	5,920 r/	45,800 r/	7.75	9	5,810	41,400	7.13
Miscellaneous stone	1	W	W	7.85	1	W	W	5.00
Total or average	XX	7,170	57,400	8.01	XX	7,740	65,300	8.44

r/ Revised. W Withheld to avoid disclosing company proprietary data; included in "Total." XX Not applicable.

1/ Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.

TABLE 3
CONNECTICUT: CRUSHED STONE SOLD OR USED BY PRODUCERS
IN 2000, BY USE 1/ 2/

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Construction:			
Coarse aggregate (+1 1/2 inch):			
Riprap and jetty stone	11	\$80	\$7.27
Filter stone	W	W	12.10
Other coarse aggregate	63	899	14.27
Total or average	74	979	13.23
Coarse aggregate, graded:			
Concrete aggregate, coarse	41	225	5.49
Bituminous aggregate, coarse	136	750	5.51
Bituminous surface-treatment aggregate	136	750	5.51
Total or average	313	1,730	5.51
Fine aggregate (-3/8 inch):			
Stone sand, concrete	(3/)	(3/)	(3/)
Stone sand, bituminous mix or seal	(4/)	(4/)	5.55
Screening, undesignated	(4/)	(4/)	4.00
Total or average	15	77	5.13
Coarse and fine aggregates:			
Graded road base or subbase	491	3,120	6.35
Unpaved road surfacing	(4/)	(4/)	6.55
Crusher run or fill or waste	(4/)	(4/)	6.63
Total or average	565	3,610	6.38
Agricultural, agricultural limestone	27	445	16.48
Special:			
Asphalt fillers or extenders	91	1,000	10.99
Whiting or whiting substitute	363	10,000	27.55
Other fillers or extenders	91	2,000	21.98
Total or average	545	13,000	23.85
Other miscellaneous uses and specified uses not listed	18	134	7.44
Unspecified: 5/			
Reported	5,990	43,800	7.32
Estimated	200	1,500	7.72
Total or average	6,190	45,400	7.33
Grand total or average	7,740	65,300	8.44

W Withheld to avoid disclosing company proprietary data; included with "Other."

1/ Data are rounded to no more than three significant digits, except unit value; may not add to totals shown.

2/ Includes dolomite, granite, limestone, miscellaneous stone, and traprock.

3/ Less than 1/2 unit.

4/ Withheld to avoid disclosing company proprietary data; included in "Total."

5/ Reported and estimated production without a breakdown by end use.

TABLE 4
CONNECTICUT: CONSTRUCTION SAND AND GRAVEL SOLD OR USED IN 2000,
BY MAJOR USE CATEGORY 1/

Use	Quantity (thousand metric tons)	Value (thousands)	Unit value
Concrete aggregate (including concrete sand) 2/	1,440	\$11,700	\$8.14
Concrete products (blocks, bricks, pipe, decorative, etc.)	296	1,690	5.72
Asphaltic concrete aggregates and other bituminous mixtures	385	2,040	5.30
Road base and coverings	549	3,730	6.79
Fill	358	1,810	5.06
Snow and ice control	290	1,450	5.00
Other miscellaneous uses 3/	124	1,420	11.43
Unspecified: 4/			
Reported	2,110	10,800	5.10
Estimated	2,500	12,000	4.97
Total or average	8,010	46,900	5.85

1/ Data are rounded to three significant digits, except unit value; may not add to totals shown.

2/ Includes plaster and gunite sands.

3/ Includes filtration.

4/ Reported and estimated production without a breakdown by end use.